

CLAIMS:

1. (Currently Amended): A method of synchronizing data in a distributed data processing system comprising the steps of:

- storing a master data in at least one legacy computer system;
- enabling a first non-legacy computer to support synchronization;
- storing a copy of the master data in a second non-legacy computer;
- executing, by said second non-legacy computer, at least one operation on said copy of the master data;
- sending, by said second non-legacy computer, said at least one operation to said first non-legacy computer;
- executing, by said first non-legacy computer, said at least one operation on said master data at said at least one legacy computer;
- determining ~~if said executing step by said~~ whether the first non-legacy computer ~~is successful~~ successfully executed the at least one operation; and
- in response to a ~~successful executing step by said~~ determination that the first non-legacy computer successfully executed the at least one operation, synchronizing said master data by applying said at least one operation.

2. (Previously Presented): The method in claim 1, further comprising the step of sending, by the second non-legacy computer, a synchronization protocol to the first non-legacy computer.

3. (Previously Presented): The method in claim 1, wherein said at least one operation further comprises at least two operations which are executed by said first non-legacy computer sequentially.

4. (Currently Amended): The method in claim 1, wherein the executing, by said first non-legacy computer further comprises:

- sending by said first non-legacy computer the results from said at least one operation, to said second non-legacy computer; and

sending by said first non-legacy computer a new copy of the master data, to said second non-legacy computer.

5. (Currently Amended): The method in claim 1, further comprises:

responsive to ~~determining if said executing step by said the first non-legacy computer is unsuccessful did not successfully execute the at least one operation, not~~ synchronizing the master data.

6-15. (Canceled)

16. (New): A method, in a middle tier computer, of synchronizing data in a distributed data processing system comprising the steps of:

receiving, from a client computer, a request to synchronize master data stored at a back-end tier computer with a copy of the master data stored at the client computer, wherein the request to synchronize is sent from the client computer to the middle tier computer responsive to a user performing at least one operation on the copy of the master data at the client computer;

sending a synchronization response to the client computer;

receiving a start synchronization request from the client computer, wherein the start synchronization request is sent from the client computer to the middle tier computer responsive to the synchronization response;

receiving the at least one operation from the client computer;

replaying the at least one operation on the back-end tier computer;

receiving from the back-end tier computer results of the at least one operation and updated master data;

sending the results of the at least one operation and the updated master data to the client computer; and

sending an end synchronization response to the client computer.

17. (New): The method of claim 16, wherein replaying the at least one operation on the back-end tier computer comprises replaying the at least one operation sequentially.

18. (New): The method of claim 16, wherein the results of the at least one operation comprise an indication of a successful operation.

19. (New): The method of claim 16, wherein the results of the at least one operation comprise an indication of a failed operation.

20. (New): The method of claim 19, wherein responsive to the indication of the failed operation, the client computer performs an action on the failed operation.

21. (New): The method of claim 20, wherein the action comprises cancelling the failed operation, modifying the failed operation, or deferring the failed operation.

22. (New): The method of claim 16, wherein responsive to receiving the results of the at least one operation, the client computer displays a list of successful operations and a list of failed operations.